



2016 ARIZONA STATE PARKS GRANTS APPLICATION PACKET MOTORIZED GRANT

Applicants often ask if we can provide examples of a well-written grant that received funding. This example provided below pertains to an off-highway vehicle (Motorized) project. Names have been changed.

SECTION I. GRANT APPLICATION

DATE COMPLETED: 1/31/2016

PROJECT SPONSOR NAME: John Muir Ranger District

PROJECT SPONSOR ADDRESS: PO Box 1868

CITY: Springfield

ZIP: 85048

WEBSITE: www.johnmuirrd.gov

PROJECT COORDINATOR: Jeff Albertson

TITLE: Project Coordinator

E-MAIL: jalberetson@fs.gov

PHONE: 555-867-5309

CELL: 602-867-5309

SECONDARY PROJECT COORDINATOR (REQUIRED): Emil Haury

TITLE: Archaeologist

PHONE: 480-867-5309

CELL: 814-867-5309

EMAIL: Ehaury@fs.gov

THIRD PARTY AGENCY (IF APPLICABLE):

WEBSITE:

CONTACT:

TITLE:

Example of a "Third Party:" A non-profit organization is coordinating a trail project on Forest Service land -the non-profit organization is assuming the major responsibilities of the project, therefore, the non-profit could apply as the Project Sponsor and the Forest Service would be listed as the "third party."

PROJECT TITLE: Coconino County OHV Project

Click on the provided links to verify your Congressional and Arizona Legislative Districts

Provide nearest town/city to project location:
St. Petersburg

CONGRESSIONAL DISTRICT:
01

AZ LEGISLATIVE DISTRICT:
05

COUNTY:
Coconino

1. Brief Description of Project (250 words or less)

(Summarize the project proposal including scope and nature of what is to be accomplished. What will be accomplished with the funds that you will receive):

This project will achieve a variety of goals including enhancement of OHV recreation safety, enforcement and resource protection in the greater Coconino County area. Funds will be used for the following activities:

- Remediation of damage from OHV use
- Enhancement of facilities used by OHV recreationists
- Route maintenance. A total of 12 miles of trails/roads will be maintained
- Improve current route information for this area
- Education programs. The District will work closely with Arizona State Parks (ASP) and Game & Fish to develop an effective safety education program. The goal is to have a reduction of OHV-related injuries and fatalities. In 2015 there were 100 OHV-related injuries. Since 2010 this county has experienced the highest number of OHV injuries.

Additionally, funding will support a project coordinator position for two (2) years. Funds will help promote regular coordination between OHV users including managers, club representatives, local government staff and enforcement officers and local OHV rental businesses. Funds will also help to develop an effective youth outreach program. This position will ensure that stakeholders are regularly informed and project scope items are achieved.

Coconino County is a popular destination for OHV recreation due to several iconic routes and a network of "two-track routes." This area receives over 2 million visitors annually. Each year more of them are choosing to rent OHV's provided by local businesses, to explore the scenic area on their own, without a guide. If this use is to be sustainable and safe, it must have essential visitor information and use components. As this use grows, products from this grant become more critical.

TRAIL INFORMATION:

- Using the table below list all trails with approximate length to be included in the Project Area.
- Provide a 7.5 topographical map with each trail clearly identified and indicate where construction will occur. Please refer to additional map instructions provided in the Grant Manual, pages 36-39.

Trail Name	Trail #	Approx. Length	Trail Name	Trail #	Approx. Length
Glacier Way	1914	1.5M			
Ahwahneechee Trail	1870	.5M			
Antiquity Road	1906	3.25M			
Bridal Veil Falls Trail	3231	6.25			

3. List total miles of new trails to be constructed: Not Applicable ☒

4. List total number of miles to be maintained: 12 Not Applicable ☐

5. Will this project involve youth participation (volunteers): ☒ YES ☐ NO

If Yes, please provide details in your written criteria responses (Section II.)

USES ALLOWED ON TRAIL: Check all that apply.

<input checked="" type="checkbox"/> Hiker	<input type="checkbox"/> Equestrian	<input type="checkbox"/> Boating	<input checked="" type="checkbox"/> Mountain Bike	<input type="checkbox"/> Accessible Access
<input checked="" type="checkbox"/> Quad	<input checked="" type="checkbox"/> Off-road Truck	<input type="checkbox"/> Snowmobile	<input type="checkbox"/> Paddling	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Side-by-Side	<input checked="" type="checkbox"/> Dirt Bike	<input type="checkbox"/> Cross-Country Ski	<input type="checkbox"/> Pack Animals	

ELIGIBILITY CATEGORY. Check boxes that most clearly describe the type of project proposed.

<input checked="" type="checkbox"/> Maintenance of existing trails	<input checked="" type="checkbox"/> Develop of trailside/trailhead facilities	<input checked="" type="checkbox"/> Safety & Education
<input type="checkbox"/> Development of new trails	<input type="checkbox"/> Development of urban linkages	<input type="checkbox"/> Acquisition of easements
<input checked="" type="checkbox"/> Restoration of damaged trail head	<input type="checkbox"/> ADA trail development	
<input type="checkbox"/> Development of Water Trail	<input type="checkbox"/> Develop of new trail on Federal land	

PROJECT FUNDING AMOUNT

STATE PARKS USE ONLY
APPROVED AMOUNT: \$

GRANT REQUEST	\$ MATCH AMOUNT (IF APPLICABLE) See Manual for Match Requirements	TOTAL PROJECT COST
\$ 299,574.00	\$136,106.00	\$435,680.00

CERTIFICATION:

This form must be signed for the application to be considered complete.

I hereby certify that the information in this application is true and correct to the best of my knowledge.

Note: Forest Supervisor must sign if applicant is National Forest Service. District Supervisor must sign if applicant is the Bureau of Land Management.

Authorized Agent: Stephen Mather Jr. Date: 1/31/16

Must be signed by the individual authorized to act on behalf of the project sponsor conducting all official business related to the project (same person as in resolution)

Typed Name: Stephen Mather Jr.

Title: District Supervisor

SECTION II. GRANT CRITERIA RESPONSE FORM

MOTORIZED PRIORITIES

- Refer to pages 16-24 for specific guidance on how to complete this section of the application.
- Select the Priorities and Scope items that best fit your project.
- Provide a written description (Max 250 words) of the proposed scope items (criterion) and explain how each scope item meets the intent of the specific priority. A scope item must be designed to meet the requirements of a specific criterion. Therefore, scope items cannot be submitted for more than one criterion.

First Level Priority

1. Protect Access to Trails/Acquire Land for Public Access.

NO RESPONSE WAS NEEDED FOR THIS SCOPE ITEM

2. Maintain and Renovate Existing Trails and Routes

These funds would help the John Muir Ranger District maintain and renovate very popular motorized OHV routes and roads. OHV Rental Companies, Jeep Tour Companies, and private motorized OHV users are the most common groups that utilize these routes. Trail/road information is listed on page 1 of the application. These roads require spot drainage work to improve sustainable surfaces, without “dumbing down” the experience!

The Ranger District understands that the key to maintaining trails throughout the year is to have an effective volunteer program. The Ranger District does have a volunteer coordinator who will be managed by the project coordinator to recruit and train volunteers to assist in the upkeep of trails in the project area. Both the project and volunteer coordinator will work with local groups to increase participation in our Adopt-A-Trail program. Currently there are seven (7) active groups that have adopted a trail. Our goal with this grant is to increase the number of trails adopted by groups to 12.

Maintenance and renovation tasks requiring specialized work would be completed under contract with professional trail crews and or by Forest Service road crews.

3. Provide and Install Trail/Route Signs

This grant action would install route markers that help visitors find and follow properly maintained OHV routes throughout the area. Route markers would be designed to be consistent with national/state guidelines. Route markers would link to other orientation and educational media including maps, brochures and website. Volunteers would install the route markers.

According to the last Census 25% of the county residents are Hispanic or Latino. Additionally, a 2013 survey indicated that the county sees more than 1 million visitors from Mexico each year. Bilingual signs and information would be part of this project. Signs in both English and Spanish would be designed for placement on two kiosks (the kiosks are shown under facilities); signs would show routes with associated mileage and feature information, safety and regulatory information.

Cost: primarily volunteers, kiosk signs, and salary.

4. Establish and Designate Motorized Trails, Routes, and Areas

Inventory, evaluate and designate at least 10 different driving routes for “self-guided area tours” by OHV users. Local users and business owners would participate in the inventory and designation process, which would be a combination of meetings to discuss criteria and field trips to evaluate and identify suitable routes.

A variety of loops and routes of various challenge levels and lengths will be included. Connectivity with existing bathroom facilities, picnic areas, and natural, cultural and historic sites will be made. USFS would provide facilitation and natural and cultural history information to help create interesting interpretive tours.

To ensure participation of area user groups the District will:

1. Publicize our project through direct outreach and social media;
2. Coordinate five (5) work group office meetings;
3. Take several trips with volunteers for reconnaissance of proposed routes

Cultural resource surveys are needed for some reroutes that will improve sustainability in some of the popular OHV areas. Cultural resource surveys will be administered internally with the District's archaeologist. If there are any situations in which our archaeologist is reassigned to a different project we will have in place a back-up plan that would include outsourcing of the surveys.

Second Level Priority

5. Develop Support Facilities

This action includes the enhancement of 6 dispersed camping areas within the project area, used by OHV recreationists; the enhancement of the Roosevelt Canyon Trailhead parking area with the installation of a vault toilet (paid by USFS) and the installation of two information kiosks. The vault toilet will comply with ADA guidelines.

- Delineate 6 dispersed camp areas where use has already indicated the need.
- Campsite enhancement includes boundary definition, site marker, and placement of gravel surfacing, as needed. This campsite definition is expected to reduce impacts to surrounding areas.

The gravel used for surfacing will be purchased from an ADOT approved mine site: Sand Pit - CM0429. This information will also be provided in the NEPA Document attached.

6. Provide Maps and Trails Information

Most visitors to this area who rent or bring their own OHV's know little about the local area, the natural and historic resources, or "ride responsibly" guidelines, yet, they are very eager for this information. It is possible that much of the damaging and unsafe behavior is due to the lack of information for these visitors, and their lack of information about their surroundings. This action would allow for the development of a series of "tours" suitable for a variety of OHV types and skill levels. The tours would be designed with the help of local OHV rental business owners who have a good idea of what their clients are seeking and their skill level. The "tour" information would be based on the routes identified under scope item 3.

Maps and brochures would be produced in several formats including: phone app, and on-line through local websites (FS, Friends of the Forest and City) with emphasis on producing this route/tour information in geo-referenced format suitable for the ASP website. Information would be created in English and Spanish.

Tour information would provide GPS coordinates rules and laws, and other responsible riding information. A wide range of interpretive information would also be provided about wildlife, archaeology and geology of the area.

Costs:

- City of Springfield and St Petersburg and FS staff would facilitate the work group.
- A graphic designer would assist with graphic production.
- Volunteers would assist with "tour" and map information development and distribution.

7. Mitigate and Restore Damage to Areas Surrounding Trails, Routes and Areas

- Install rock and/or fence boundaries at 10 locations to limit future damage and mitigate existing damage from off road or unauthorized vehicle use. Provide a rock boundary to prevent damage to the Historic Saw Mill Cabin (See Map A).
- At 9 of these locations vehicle gates would be installed to allow fire response and special use permit access (rancher); at 3 of these locations pedestrian gates would be installed to allow for equestrian and hiker pass-through.
- Protect two wildlife water sources by delineating roadway with boulders/gate ¼ mile from water (per Game and Fish) at Black Tank (FR1970/202C) and at an important water source for the pronghorn located near FR654.
- Install effective signage (English and Spanish) to educate and inform users about the project and which routes are available to them.
- Placement of riprap along Bridal Veil Falls Trail.

Refer to Appendix A for pictures and maps of locations. Maps provided indicate the specific placement of rock and/or fence boundaries, vehicle and pedestrian gates; location of boulders at Black tank and the location of riprap along Bridal Veil Falls Trail.

- Work will be done by use of heavy equipment (contract or USFS)
- Boulders and gates provided by USFS
- Fencing and signage and kiosks done by hand crews (contract)
- Contracted Trail Crew for 13 weeks, fencing materials
- Heavy equipment use for 10 sites

- Eight vehicle gate installations
- Three walk through gate installations
- Signs

Additionally, this scope item will involve the use of many youth volunteers. Several local groups including area Boy and Girl Scout Troops will work with trail crews learning how to maintain trails. Both the project and volunteer coordinator will work with the local school district to introduce kids and teens to trail maintenance through service projects for schools and youth organizations. Working with the Springfield High School science teacher, an internship program will be developed which will place both youth volunteers in leadership roles here at the John Muir Ranger District and also in the field working with our trail crew.

Third Level Priority Components

8. Provide Educational Programs

This project component is a major focus of the grant funds. The project coordinator will spend a considerable amount of time on this item: he/she will work closely with the ASP OHV Coordinator and with the Game & Fish (G&F) Off Highway Vehicle Safety Education program. G&F has developed effective OHV programs and can provide guidance in developing a program for our District.

The ASP OHV Ambassador program offers training sessions for community OHV volunteers. This training will provide an emphasis on responsible use messages, OHV laws and regulations with condensed versions (e.g., brochures, FAQs). This effort will depend on partnering with local motor sport dealer businesses, rental OHV businesses, and local clubs, to educate motor vehicle buyers, users, and renters. Both coordinators will seek advice and review from the State OHV coordinator and G&F in order to make the most out of already available OHV education programs.

This effort will allow for the creation, maintenance and use of an OHV interest mailing list to announce new information, messages, policies and regulations to be dovetailed with the ASP OHV program and G&F website information.

In addition, the FS will promote the project through websites and mass media. Responsible OHV recreation related articles for newspapers, magazines, and newsletters will be generated and marketed.

Costs:

Project coordinator salary

9. Completion of Environmental/Cultural Clearance and Compliance activities

Phase I of this project will include environmental and cultural activities for 2 miles of Bridal Veil Falls Trail. All additional trail work will be completed in areas where environmental/Cultural clearances have been completed. Please refer to the attached survey: **An Archaeological Survey of 300 Acres in the Springfield Gorge Area**. The survey, at 220 pages, encompasses a much greater area beyond the project zones. To assist the reviewers pinpoint the specific project areas please refer to the following pages in the survey that precisely address the project areas:

Glacier Way: Pages 24-27; Tables 4,5; Figure 09

Ahwahneechee Trail: Pages 44-46; Table 12

Antiquity Road: Pages 180-184; Table 24-28; Figure 19

The John Muir Ranger District participated in the ASP Grant Workshop on January 21, 2016. Our archaeologist and the NF NEPA Planner joined the District project coordinator at the workshop. As a result, we have a better understanding of what the reviewers of the cultural and environmental forms are looking.

Clearances will be completed no more than 30 days after the start of the project.

Costs: District archaeologist and NEPA Planner

10. Increase On-the-Ground Management Presence and Law Enforcement

This action is a key component of the grant as it would establish the “face of this project” by identifying a skilled agency person who will ensure that grant activities are carried out and conduct vital education and enforcement. Currently there is inconsistent FS, County, and City enforcement/education presence in this area. The grant would fund a full time person for two years to conduct and coordinate enforcement and education patrols during busy use times; and to coordinate all other grant activities. This person would coordinate with local and regional law enforcement including County, State and City(s). They would coordinate volunteer ambassador efforts for busy weekend education blitzes. The project will fund a substantial increase in education and enforcement of OHV laws, resource protection, and visitor safety and information.

The goal is to reduce OHV crashes, injuries and fatalities. There were 352 non-fatal hospitalizations and 1,677 non-fatal emergency room visits due to OHV injuries in Arizona last year. Statewide there were 21 OHV-related fatalities in 2014. In our District there were 100 OHV injuries and 4 deaths. By year 2018 it is our goal to reduce injuries by 20% and deaths by 100%.

In addition, City of Springfield and USFS law enforcement personnel will provide enforcement and education services that contribute to the goals of the project and are part of the match.

Cost is primarily salary.

Bonus Points

11. Promote Comprehensive Planning and Interagency Coordination

To implement grant activities and to plan for management of OHV recreation in the area.

This grant will allow for improved collaboration between:

- The City of Springfield and St. Petersburg
- State of Arizona OHV staff
- Local County staff
- Game and Fish, and FS

The project coordinator will be tasked with facilitation of a monthly coordination/information meeting with stakeholders and managers to keep people informed and promote integrated actions. The District will provide ASP a list with meeting dates and locations.

Connectivity is a major issue for the area. Due to the size of the county and the miles of trails offered to users both major cities of Springfield and St. Petersburg along with Coconino County, Forest Service and Game & Fish will work closely to improve connectivity with existing natural and cultural sites, facilities, picnic areas and bathrooms. All groups will participate in several work group meetings followed by field trips. The grant project coordinator will organize and coordinate all meetings.

Currently, enforcement throughout the project area is very inconsistent. This grant would support enforcement operations, which would allow for centralized and coordinated enforcement and education activities between the County, Game & Fish and Forest Service. A coordinated effort will result in regular patrols during busy use times and for countywide events.

Consistent education information is greatly needed. All groups mentioned here, including local businesses that cater to OHV users, would work together to develop maps, brochures and interpretive information to ensure consistent messages are provided to the public. Game & Fish has developed OHV education programs for the state; therefore, several meetings will be organized to develop an education program using this model. The project lead will work closely with the ASP OHV Coordinator and Game & Fish to maximize the effect of these meetings on coordination in the area as it relates to the future of public land OHV recreation enhancement.

12. Dust Abatement

The action is increased enforcement of OHV speeding laws. The abatement is the result of reduced speeds of OHV's, primarily ATVs and Tomcars. Forest Road 152C currently shows a red dust coating on adjacent vegetation that can be detected from a half mile away. This is typical of many roads in the area due to the speeds traveled during dry dusty seasons. Implementation of the education and enforcement aspects of the project is expected to mitigate this dust impact.

13. Local Need Per the Priorities Identified in the State Comprehensive Outdoor Recreation Plan (SCORP) or Local/Regional Plan.

Three of the top priorities identified in Statewide Comprehensive Outdoor Recreation Plan (SCORP) (pg. 116) by Arizona residents as most important were:

- 1. Protecting natural character and cultural resources:** by delineating motorized camping corridors and gating administratively open roads we are protecting both natural and cultural character of the public land.
- 2. Providing Habitat and Ecosystem preservation and protection:** By gating two roads that go to important wildlife water tanks as identified by G&F for critical pronghorn habitat we are preserving and protecting critical habitat.
- 3. Maintaining and improving existing levels of recreation and cultural education:** The District will work closely with OHV rental companies, the larger OHV/motorized community, and other stakeholders to maintain and improve recreational opportunities by producing guides and maintaining partnerships with OHV community and businesses.

Amendment 12 of the **Forest plan** (pg. 206-52) explains the following:

1. Provide opportunities for dispersed camping and hunting
2. Road and Trail Locations must consider antelope protection goals. Recreation goals are subordinate to antelope protection.

3. Allow commercial tours to provide opportunities for scenic viewing, natural history education, wildlife viewing, and other activities that are compatible with antelope protection and Savannah MA goals.”

By defining popular motorized campsites we are helping motorized users find suitable places to camp and hunt. This helps to improve motorized users overall experience.

2. By gating the road to the tank on 9546 we are protecting critical antelope habitat and waters; ensuring that forest users and antelope are able to sustainably use the same area.

3. The project will allow for the establishment of an OHV coordinator who, for two years, can establish better bonds with the OHV community. Part of what they will do is collaborate in the creation of designated routes and associated geo-referenced maps and interpretive information for users of these companies that would emphasize natural history education and enable wildlife viewing. Furthermore work on the routes listed in this grant would enhance this along with the kiosks to be installed that will have this type of information for forest users.

14. Community Support/Public Support

The grant will allow for the development of a cadre of local volunteers to do the following:

- Assist with inventory and marking of routes
- Develop and design of route “tour” information, rules and guidelines
- Installation of signs
- Safety and etiquette training of visitors renting OHV’s
- Route condition reporting; and finally, route maintenance.

There are many opportunities for volunteerism related to the issues that initiated this grant request. The project coordinator will be able to spend the time with the FS volunteer coordinator to plan and coordinate volunteer efforts. Once a volunteer program is developed, after the grant is expended, local agencies will assume the responsibility to sustain the most important volunteer coordination functions.

Participation in grant implementation by local business staff and local residents and clubs will be critical to the success of the grant. To maximize success, a work group will be established to assist in guiding the completion of the grant activities. City and FS staff will lead the development of this work group.

As mentioned in detail for Scope Item #7 a youth volunteer and internship program will be developed. The Springfield High School and Middle School and the local Boy and Girl Scout Troops will be an integral part of the project.

Costs are salary for coordination, volunteers.

15. First Time Project Sponsors/New Areas

NO RESPONSE WAS NEEDED FOR THIS SCOPE ITEM (John Muir RD has received 3 grants over the past 7 years)

16. Matching Funds (15% or more of Total Project Cost)

Even though Match is not required the District will provide the following for Match:

- Provide labor valued at \$4,164 and materials valued at \$3,500 for fence installation.
- Coordinate volunteers for at least 246 hours @ \$18 / hour (\$4,440) to assist with sign and kiosk installation. Volunteers will provide vehicles and gas valued at \$160.

Expansion, Phase, or Connection to an Existing Successful OHV Grant Funded Project NO RESPONSE WAS NEEDED FOR THIS SCOPE ITEM

17. Multiple Motorized Use (3 or more motorized uses)

There are more than 3 motorized uses for all four trails.

SECTION III. ELIGIBILITY FORMS

ASSURANCE OF COMPLIANCE Title II, Americans with Disabilities Act of 1990 P.L. 101-336, 42 U.S.C. Chapter 126

Project Sponsor Name: John Muir Ranger District

THE UNDERSIGNED ACKNOWLEDGES AWARENESS OF AND THE RESPONSIBILITY TO COMPLY WITH THE FOLLOWING:

[Title II, of the Americans with Disabilities Act](#), (“ADA”) and federal department regulations on its implementation.

It is understood that recipients of Arizona State Park motorized and non-motorized project funds are required to comply with Title II of the ADA and those regulations of federal departments and agencies on its implementation. The ADA and federal department regulations mandate that: No qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of a public entity, or be subjected to discrimination by any public entity. See 28 CFR Part 35.

This assurance is effective as of the date of state approval of funds and throughout the period during which real or personal property is used.

Stephen Mather Jr.

01/31/2016

SIGNATURE OF AUTHORIZED AGENT

DATE

PRINT NAME AND TITLE OF AUTHORIZED AGENT Stephen Mather Jr. District Supervisor

RE: CONTROL AND TENURE / AUTHORITY TO APPLY
(For Federal and Tribal Project Sponsors and the State Land Department ONLY)

The intent of this letter is to provide evidence of control and tenure of the project site and authority to apply as required by the application.

Evidence of Control and Tenure: All improvements proposed in this grant application are compatible with the approved land use plan of the (Forest, field office, tribe, ASLD) and will be constructed on land that is within the boundaries of and under the management of the (forest, field office, tribe, ASLD). These lands are not classified or have been identified as base-for-exchange and will be available for public use for the term of this agreement.

Authority to Apply: Project Sponsor Name: **John Muir Ranger District**

- Approves the filing of an application for Arizona State Parks Program fund assistance;
- Certifies that the application is consistent and compatible with all adopted plans and programs of the (forest, field office, tribe, ASLD) for motorized and or non-motorized trails facility developments;
- Agrees to comply with all appropriate procedures, guidelines, and requirements established by Arizona State Parks as a part of the application process;
- Certifies that (forest, field office, tribe) will comply with all appropriate state and federal regulation, policies, guidelines and requirements as they relate to the application;
- Certifies that (forest, field office, tribe, ASLD) has matching funds in the amount of \$11,500 from: (list sources) **Boy Scouts Troop 404; Forest Service's ATV and Dozer, local OHV club volunteers**

and;

- Appoints the (generic title or specific individual) **Stephen Mather Jr** as agent of the **John Muir Ranger District** (official name of forest, field office, tribe, ASLD) to conduct all negotiations, execute and submit all documents including, but not limited to, applications, agreements, amendments, billing statements, and so on which may be necessary for the completion of the aforementioned project.

Signature of appropriate authority *Stephen Mather Jr.*

Printed Name and Title: Stephen Mather, District Supervisor

**SECTION IV. CULTURAL RESOURCES:
COMPLIANCE WITH THE NATIONAL HISTORIC PRESERVATION ACT, SECTION 106**



CULTURAL CLEARANCE REVIEW FORM-2015



In Arizona, the Arizona Department of Transportation (ADOT), the Federal Highway Administration (FHWA) and the State Historic Preservation Office (SHPO) participate in a process to determine the effect, if any, a proposed project may have on significant archaeological and/or historical cultural resources. Significant cultural resources are those that are eligible for listing on the Arizona or National Registers of Historic Places. Each grant application recommended for funding will be reviewed as part of this process. To assist in this review, the applicant is required to submit the following information with each application for funding assistance.

SECTION I.

1. A completed copy of this form;
2. At least two (2) legible, detailed and labeled maps:
 - a) A detailed map showing all project activities and any other related project actions (e.g., staging areas, the location of riprap, new access roads, etc.)
 - b) A legible 7.5' USGS map showing the project area;
3. A copy of the cultural resources survey report(s) if a survey of the property has been conducted;
4. A copy of any comments regarding eligibility, findings of effect, and any conditions associated with findings made by the land managing agency/landowner and archaeologist (i.e. state, federal, county, municipal) on potential impacts of the project on archaeological and/or historical cultural resources.
5. A copy of SHPO comments, if the survey report has already been reviewed by SHPO.

If these documents are missing, your project cannot be reviewed, and your application and funding will be delayed.

Project Title: Coconino County OHV Project

Applicant Name and Address: John Muir Ranger District

Current Land Owner/Manager(s): John Muir Ranger District

Project Location, including Township, Range and Section: Springfield, T 9, R 14, Section 110

SECTION II.

Please answer the following:

1. Total project area in acres (or total miles if trail): 14
2. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground?
☒ YES ☐ NO
3. Please provide a description (what, where, why, and how) of the proposed project, and specifically identify any surface and/or subsurface impacts that are expected. Provide measurements for anticipated surface (areal) and subsurface (depth) disturbances that will be part of the proposed project. Discuss both direct and indirect impact areas, such as staging areas and access routes that will be used as part of the project.

*Block with boulders several locations where vehicles have created unauthorized routes. These areas include: Staging area 5 at Trailhead Antiquity Road, and staging area 7 at Glacier Way. Define, with boulders, areas where car camping is allowed -Bridal Veil Falls Trail (Trailhead).

*Install 2 metal ramada kiosks; one to be located at the start of Ahwahneechee Trail and the second kiosk will be replacing an existing wooded kiosk at Glacier Way Trail, mile marker 1. There would be no ground disturbance for the kiosk at Glacier Way. The kiosk at Ahwahneechee Trail will disturb the ground surface; posthole to be 3 feet.

*Conduct routine maintenance along entire length of all four trails (14 miles). Utilize a mini dozer. Soil already present would be removed from routes and bedrock would be ripped and flattened to prevent erosion and create a flat surface with the traveled portion of the road. Archaeological surveys have been completed and no sites are located in the project areas

4. Describe the condition of the current ground surface within the entire project boundary area (for example, is the ground in a natural undisturbed condition, or has it been bladed, paved, graded, etc.). Estimate horizontal and vertical extent of existing disturbance. Attach extra sheets if more space is needed. Attach photos of project area to document condition, particularly of those areas that have experienced impacts.

*The current ground surface of these routes consists of previously bladed roads approximately 3.0 meters wide and 14 miles in length with a berm on either side.
 *All areas where the kiosks will be placed have been previously disturbed and used as OHV staging areas, wayside viewing areas, etc...

5. Are there any known prehistoric and/or historical archaeological sites in or adjacent to the project area?

☒ YES ☐ NO ☐ UNKNOWN

6. Has the project area been previously surveyed for cultural resources by a qualified archaeologist?

☒ YES ☐ NO ☐ UNKNOWN

If yes, please submit a copy of the survey report. Please attach any comments on the survey report made by the land managing agency and/or SHPO.

If, no, please provide a rationale for survey not being necessary (e.g. previously disturbed).

7. Are there any buildings or structures (including mines, bridges, dams, canals, etc.) that are 50 years or older in or adjacent to the project area? ☒ YES ☐ NO ☐ UNKNOWN

If YES, complete an Arizona Historic Property Inventory Form (Next document) for each building or structure, attach it to this form, and submit it with your application.

8. Is your project area within or adjacent to a historic district? ☐ YES ☒ NO ☐ UNKNOWN

If YES, name of district:

SECTION IV.

Will your project involve any of the following activities?

Bridge rehabilitation or replacement	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO
Signs, kiosks, and markers replacement or installation	<input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO
Upgrading the trail and or parking lot from dirt to stone or woodchips, or stone or woodchips to a paved (asphalt concrete, or other paved surface) or boardwalk surface;	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO
Fencing, guardrail, retaining wall, or berm replacement or installation	<input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO
Drainage modification feature or structure	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO
Landscaping	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO
Compliance under the Americans with Disabilities Act (ADA) including the following:	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO
a. Ramps; b. Railings; c. Resurfacing (to pavement or boardwalk); d. Parking and trail access; e. Signage; f. Portable Toilets	<input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO <input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO <input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO <input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO <input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO <input checked="" type="checkbox"/> _YES <input type="checkbox"/> _NO
Permanent installation of ancillary facilities such as port-a-potties, bike racks, lighting, benches, trash	<input type="checkbox"/> _YES <input checked="" type="checkbox"/> _NO

receptacles, and trail course design features (jumps, water hazards, par course equipment, picnic benches).	
Renovation and restoration of trails and trail access routes, in-kind within an established path or trail way	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Regrading of trail and/or parking areas within established trail way	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Striping and restriping	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Debris removal	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Educational materials	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Connector trails within boundaries of existing property	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Repair of existing signs, kiosks markers, bridges, fences, guardrails, retaining walls, and berms	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

If yes to any items from **SECTION IV** please provide a short description of the work to be done.

*Block with boulders several locations where vehicles have created unauthorized routes. These areas include: Staging area 5 at Trailhead Antiquity Road, and staging area 7 at Glacier Way. Define, with boulders, areas where car camping is allowed -Bridal Veil Falls Trail (Trailhead).

*Install 2 metal ramada kiosks; one to be located at the start of Ahwahneechee Trail and the second kiosk will be replacing an existing wooded kiosk at Glacier Way Trail, mile marker 1. The kiosk at Ahwahneechee Trail will disturb the ground surface: posthole to be 3 feet.

*Conduct routine maintenance along entire length of all four trails (14 miles). Utilize a mini Dozer. Soil already present would be removed from routes and bedrock would be ripped and flattened to prevent erosion and create a flat surface with the traveled portion of the road.

Please sign on the lines below certifying all information provided for this application is accurate, to the best of your knowledge.

**NOTE: THIS FORM MUST BE REVIEWED AND SIGNED BY THE
ARCHAEOLOGIST FOR AGENCIES THAT HAVE A STAFF ARCHAEOLOGIST.
FACSIMILE OR ELECTRONIC SIGNATURES ARE NOT ACCEPTABLE.**

Emil Haury

Archaeologist Signature

Date: 1/15/16

Archaeologist Printed Name: Emily Haury

Title: Archaeologist

Agency: John Muir Ranger District

Phone Number: 555-444-1992

Email:

Jeff Albertson

Applicant Signature

Date: 1/31/16

Applicant Printed Name: **Jeff Albertson**

Title: Project Coordinator

Phone Number: 555-867-5309



Arizona Department of Transportation/Arizona State Parks

Recreational Trails Program

NEPA - Categorical Exclusion – CE Checklist

For Projects Prepared Under

23 CFR 771.117(c) & (d)

Project Name: Coconino County OHV Project Project Sponsor: John Muir Ranger District Grant Amount: \$ 80,000.00 Sponsor Match: \$ 11,500.00 Project Cost: 91,500.00	OFFICIAL USE ONLY ADOT Project Number: State Parks Project Number: Federal-Aid Number: STIP/TIP ID Number:
Project Category: <input checked="" type="checkbox"/> Motorized <input type="checkbox"/> Non-motorized <input type="checkbox"/> Diversified <input type="checkbox"/> Educational/Safety <input type="checkbox"/> Administration If "Administration" then all questions below should be "No"	

II. Location and Limits:
<i>[Reference the city/town and/or county name as applicable], Arizona. USGS quad and describe the location as needed.</i> Springfield, Township 9, Range 14, Section 110; USGS Quad:40-28.066n 78-18.287W

III. Purpose and Description:
This project will achieve a variety of goals including enhancement of OHV recreation safety, enforcement and resource protection in the greater Coconino County area. Funds will be used for the following activities: <ul style="list-style-type: none">• Remediation of damage from OHV use• Enhancement of facilities used by OHV recreationists• Route maintenance. A total of 12 miles of trails/roads will be maintained• Improve current route information for this area• Education programs. The District will work closely with Arizona State Parks (ASP) and Game & Fish to develop an effective safety education program. The goal is to have a reduction of OHV-related injuries and fatalities. .

IV. CE Checklist:	Yes	No
1. Does the project involve the acquisition of right-of-way?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Does the project involve any residential or non-residential displacements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Are there National Register listed or eligible sites in the Project Area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Will the project affect any National Register listed or eligible sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "yes" to either of the above questions, briefly summarize and attach the following: survey reports, determinations and concurrences from the State Historic Preservation Office or Tribal Historic Preservation Office, and any agreements for resolution of adverse impacts. Survey report, SHPO concurrence, Arizona Historic Property Inventory Report attached. Pages with project specific information are identified.		

IV. CE Checklist:	Yes	No
5. Does the project require the use of a resource protected under 23 U.S.C. 138 or 49 U.S.C. 303 (Section 4(f))? If there are 4(f) properties with ¼ mile then contact ADOT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Does the project require a U.S. Army Corps of Engineers 404 permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are there threatened or endangered species or critical habitat designated or proposed under the Endangered Species Act present? 8. If “yes” does the project have a determination of “may affect, likely to adversely affect”? Describe impacts and attach documentation of consultation with U.S. Fish & Wildlife Service or Tribal Wildlife Service. <div style="background-color: #cccccc; width: 50px; height: 15px; margin-top: 10px;"></div>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
9. Does the project involve construction in, across or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers? 10. Will the project result in 1 or more acres of ground disturbance? If “yes” describe the impacts, list permits, and attach documentation of consultations. *Install 2 metal ramada kiosks; one to be located at the start of Ahwahneechee Trail and the second kiosk will be replacing an existing wooded kiosk at Glacier Way Trail, mile marker 1. There would be no ground disturbance for the kiosk at Glacier Way. The kiosk at Ahwahneechee Trail will disturb the ground surface; posthole to be 3 feet. *Conduct routine maintenance along entire length of all four trails (14 miles). Utilize a mini dozer. Soil already present would be removed from routes and bedrock would be ripped and flattened to prevent erosion and create a flat surface with the traveled portion of the road. Archaeological surveys have been completed and no sites are located in the project areas.	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
11. Does the project involve a floodplain encroachment for other than functionally dependent uses (e.g. bridges, wetlands) or actions that facilitate open space use (e.g. recreational trails, bicycle and pedestrian paths)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Does the project involve any other impacts? If “yes” explain below: Block with boulders several locations where vehicles have created unauthorized routes. These areas include: Staging area 5 at Trailhead Antiquity Road, and staging area 7 at Glacier Way. Define, with boulders, areas where car camping is allowed -Bridal Veil Falls Trail (Trailhead).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>If the answer to all of the above questions is NO, the proposed action qualifies for processing as a C-list Categorical Exclusion. If the answer to any of the above question is YES, contact the Recreational Trail Program Coordinator to confirm the level of environmental documentation.</i>		

V. Applicant Certification:
I certify that the information provided on this form and any supplemental documents are accurate and complete to the best of my knowledge. Signature: <u>Stephen Mather Jr</u> Date: 1/31/16 Name: Stephen Mather Jr. Title: District Supervisor Contact Information:

STATE OF ARIZONA HISTORIC PROPERTY INVENTORY FORM

Please type and fill out each applicable space accurately and with as much information as is known about the property.

PROPERTY IDENTIFICATION

For Properties identified through survey: Site No. AR-03-04-02-3633 Survey Area: Coconino National Forest

Historic Name(s): Plaza Pueblo

(Enter the name(s), if any, that best reflects the property's historic importance.)

Address: PO Box 1868 City or Town: Springfield Vicinity NA County NA Tax Parcel No. NA

Township: 25 N Range: 10E Section: 4 Quarters: NA Acreage: 160

Block: NA Lot(s): NA Plat (Addition): NA Year of plat (addition): NA

UTM reference: Zone 12, NAD 1970 Easting 04 49 0759 Northing 38 98 567

USGS 7.5' quadrangle map: 35/17

ARCHITECT: Unknown ☒ not determined ☐ known Source

BUILDER Unknown ☒ not determined ☐ known Source

CONSTRUCTION DATE AD 1290 ☐ known ☒ estimated Source

STRUCTURAL CONDITION

☐ Good (well maintained; no serious problems apparent)

☐ Fair (some problems apparent) Describe

☐ Poor (major problems; imminent threat) Describe:

☒ Ruin/Uninhabitable

USES/FUNCTIONS

Describe how the property has been used over time beginning with the original use.

Sinagua Settlement

Sources Stein 2006

PHOTO INFORMATION

Please Attach a recent photograph of property.
Additional photos may be appended.

Date of photo: January 2016

View Direction (looking towards)

Picture looking north, northwest

Negative No. 4

SIGNIFICANCE

To be eligible for the National Register, a property must represent an important part of the history or architecture of an area. The significance of a property is evaluated within its historic context, which are those patterns, themes, or trends in history by which a property occurred or gained importance. Describe the historic and architectural contexts of the property that may make it worthy of preservation.

A. HISTORIC EVENTS/TRENDS. Describe any historic events/trends associated with the property: Settlement occupied by Sinagua AD 700-1300.

B. PERSONS. List and describe persons with an important association with the building: Northern Sinagua

C. Architecture Style Pithouse No Style

Stories 2 stories . Basement Roof form

Describe other character-defining features of its massing, size, and scale Free-standing masonry pueblos, field houses. Over 2700 sites within the Monument were mapped, marked and identified.

INTEGRITY

To be eligible for the National Register, a property must have integrity, i.e., it must be able to visually convey its importance. The outline below lists some important aspects of integrity. Fill in the blanks with as detailed a description of the property as possible.

LOCATION ☒ Original site ☐ Moved: date _____ original site _____
DESIGN. Describe alterations from the original design, including dates _____

MATERIALS. Describe the materials used in the following elements of the property.

Walls (structure) Masonry Walls (sheathing) _____

Roof NA Foundation NA

SETTING. Describe the natural and/or built environment around the property High desert, climate extremes
How has the environment changed since the property was constructed? significant erosion; mostly remains

WORKMANSHIP. Describe the distinctive elements, if any, of craftsmanship or method of construction _____

NATIONAL REGISTER STATUS (if listed, check the appropriate box)

☒ Individually Listed ☐ Contributor ☐ Non-contributor to _____ Historic District

Date Listed: September 1931 [] Determined eligible by Keeper of National Register (date _____)

OFFICIAL USE ONLY (opinion of SHPO staff or survey consultant)

RECOMMENDATIONS ON NATIONAL REGISTER ELIGIBILITY

Property ☐ is ☐ is not eligible individually.

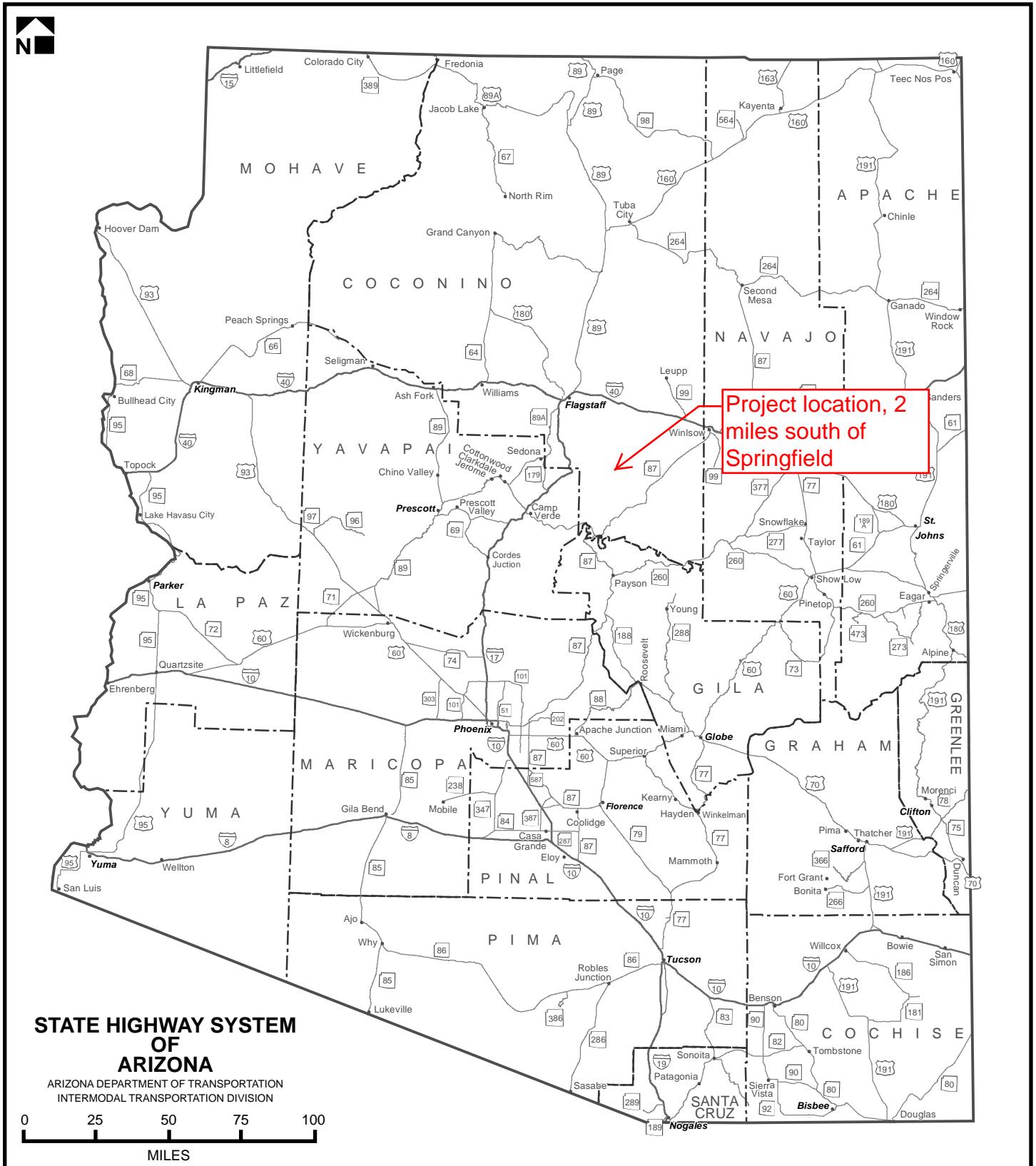
Property ☐ is ☐ is not eligible as a contributor to a listed or potential historic district.

☐ More information needed to evaluate.

If not considered eligible, state reason: _____

When attaching your detailed project maps please use this map (State Map, page 1) as a cover sheet. Place a marker (text box, sticky note, highlight) indicating the project area.

STATE MAP



PROJECT NAME _____

PROJECT NUMBER _____

TRACS NO. _____

This section to be completed by Parks

FIGURE _____

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

SCOPE ITEM 1B: ROUTE MAINTENANCE

These funds would help the John Muir Ranger District maintain and renovate very popular motorized OHV routes and roads. OHV Rental Companies, Jeep Tour Companies, and Private motorized OHV users are the most common groups that utilize these routes. The actual route numbers are: **XXX, XXX,XXX**. These roads require extensive drainage work, to improve sustainability.

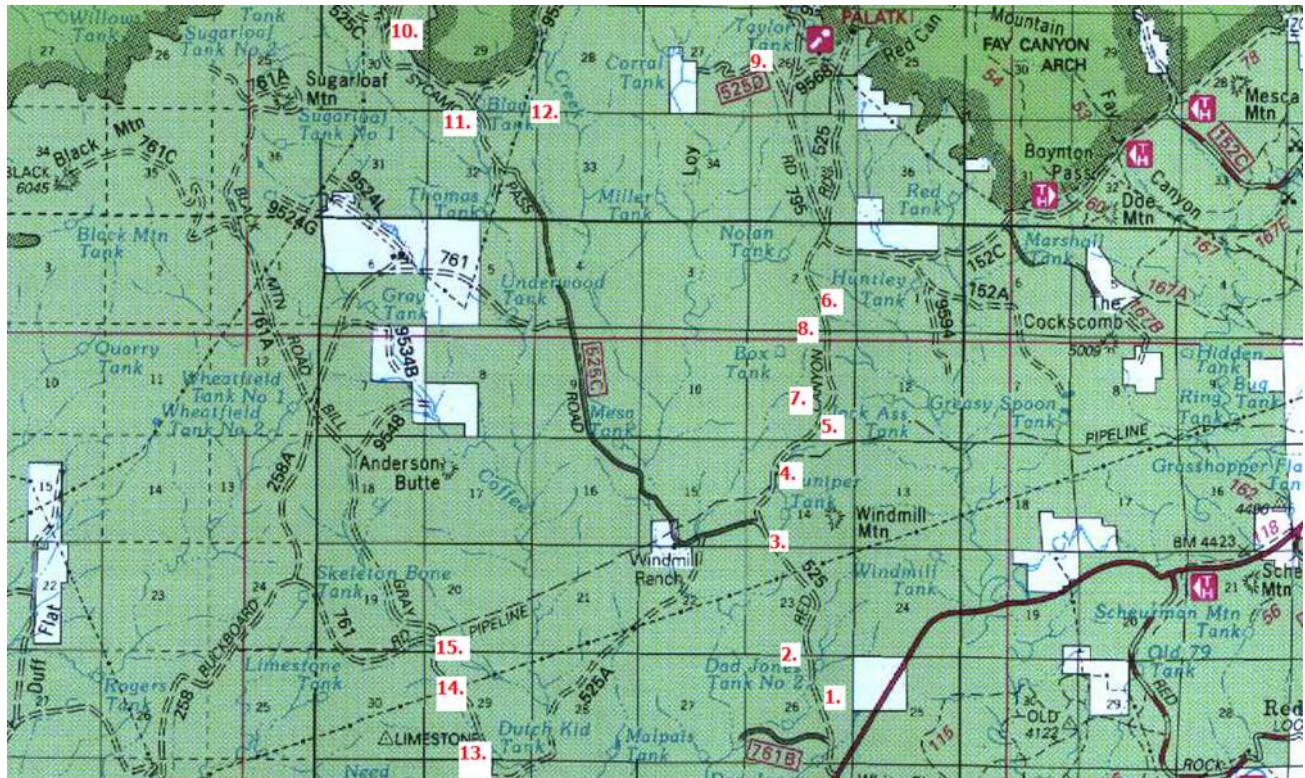
MAP 2: Map that shows the location of each these routes where drainage work will be done.



APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

SCOPE ITEM 1C: MITIGATE AND RESTORE DAMAGE; This scope item involves boulder placement, fencing installation, vehicle and pedestrian/equestrian gate installation, kiosk installation, gravel surfacing improvements, signage, and seeding, riprap placement and mulching of disturbed ground.

MAP 3: Activity locations for scope items 1C and 3A.



SITE SPECIFIC DESCRIPTIONS ON THE FOLLOWING PAGES

Note: Goals for “mitigate and restore” include:

- Allow OHV use on the many miles of open roads in the area.
- Remove/eliminate user created routes by blocking them and accelerating restoration where possible.
- Install vehicle gates on administrative roads not open to the public but remaining open for fire and special use permittees (ranchers, special events).
- Target areas where OHV rental use is dramatically increasing and where erosive soils are located in the Springfield River watershed.

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation



Map item 4.

A vehicle gate would be installed at the entrance to FR9574, an administrative road to prevent damage and to guide users to the open route, a popular OHV route.



Map item 7.

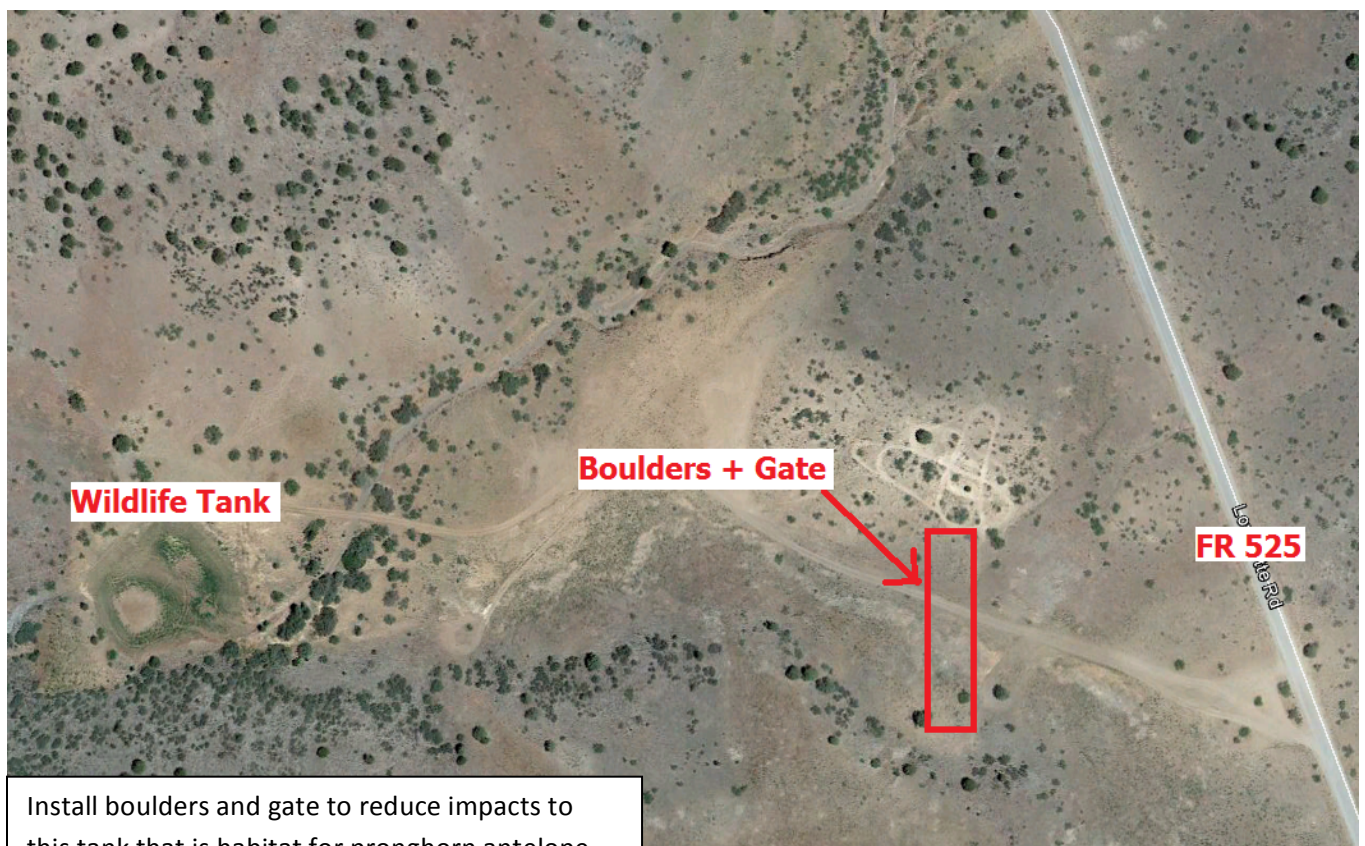
Use boulders to block decommissioned road XXX at the 443/221 junction. This will prevent additional damage to soft soil areas beyond.

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation



Map item 11.

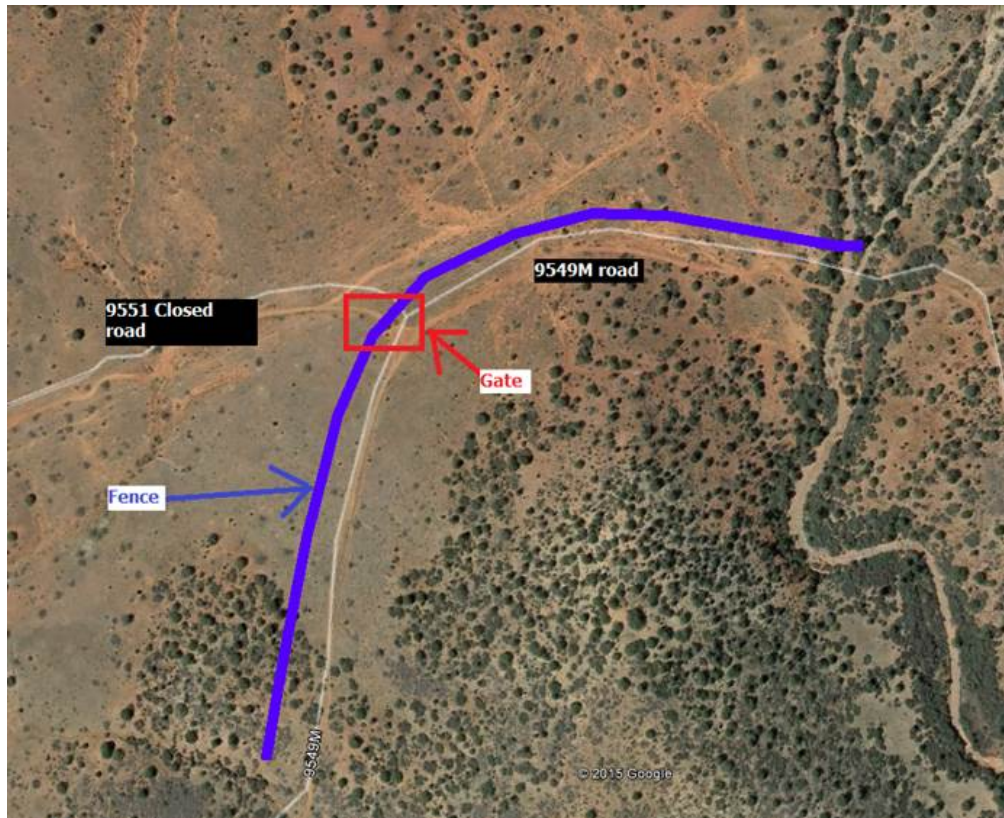
Install gate with walk thru next to it at Black tank 9551/525C Junction to protect wildlife water.



Install boulders and gate to reduce impacts to this tank that is habitat for pronghorn antelope, per request from AZ. Game and Fish Department.

Site is popular car camping area accessed from FR525 in the project area.

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation



Map item 12.

9549M, a popular OHV route, 0.43 mile of fence with gate for admin. access and walk through. This is to close the 9551 road that goes into Wilderness.



Map item 13.

Approx. 4 miles north of the XXX junction with XX is this user created route. The main road corridor would be defined by placement of boulders.

SCOPE ITEM 3A – SUPPORT FACILITIES

KIOSK LOCATIONS:



131/9514 JCT. Develop a pullout, lay down gravel, define edges with boulders and gate the FR 9514, an administrative road.



The second kiosk location is an “information” pullout along the 618 road to the east of the main project location, within a quarter mile of State Highway 260. Similar treatment to the other kiosk location.

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

VAULT TOILET INSTALLATION AT ROOSEVELT CANYON PARKING AREA



Roosevelt Canyon Trailhead Parking Area located on Boynton Pass Road – a perfect stop for potty break and information for OHV users on their way to areas west of Springfield.



XX Parking lot has ample room as an OHV contact point and is located 3 miles out of Springfield 1 mile before the pavement end.

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

EXAMPLES OF PREVIOUS BOULDER AND RESTORATION WORK IN THE PROJECT AREA:



BEFORE TREATMENT



AFTER TREATMENT

APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

PICTURES SHOWING ISSUES THAT THIS GRANT PROJECT IS DESIGNED TO ADDRESS IN THE PROJECT AREA



Near FR152C an ATV driver has left the road surface and traveled cross country to “jump” the berms recently created by the road maintenance “lead out” drainage features.



Also near FR152C, numerous vehicles have left the main road, traveled cross county and created over 1 mile of user created route.

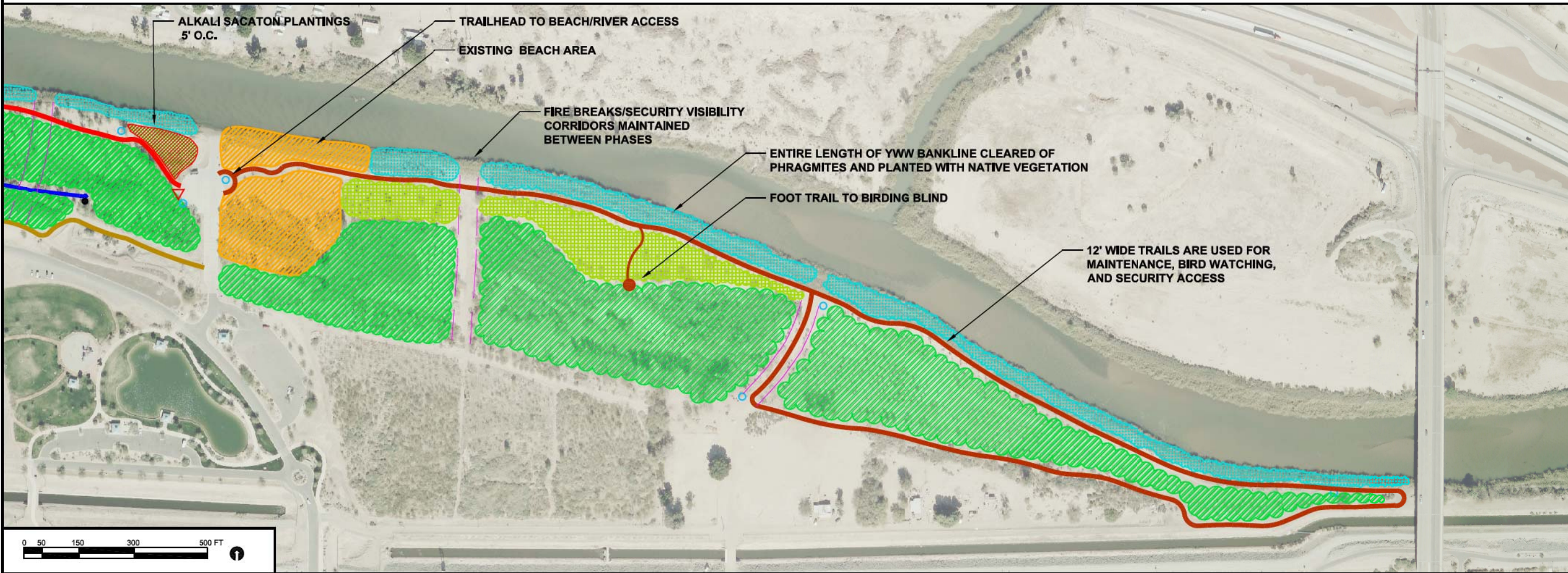
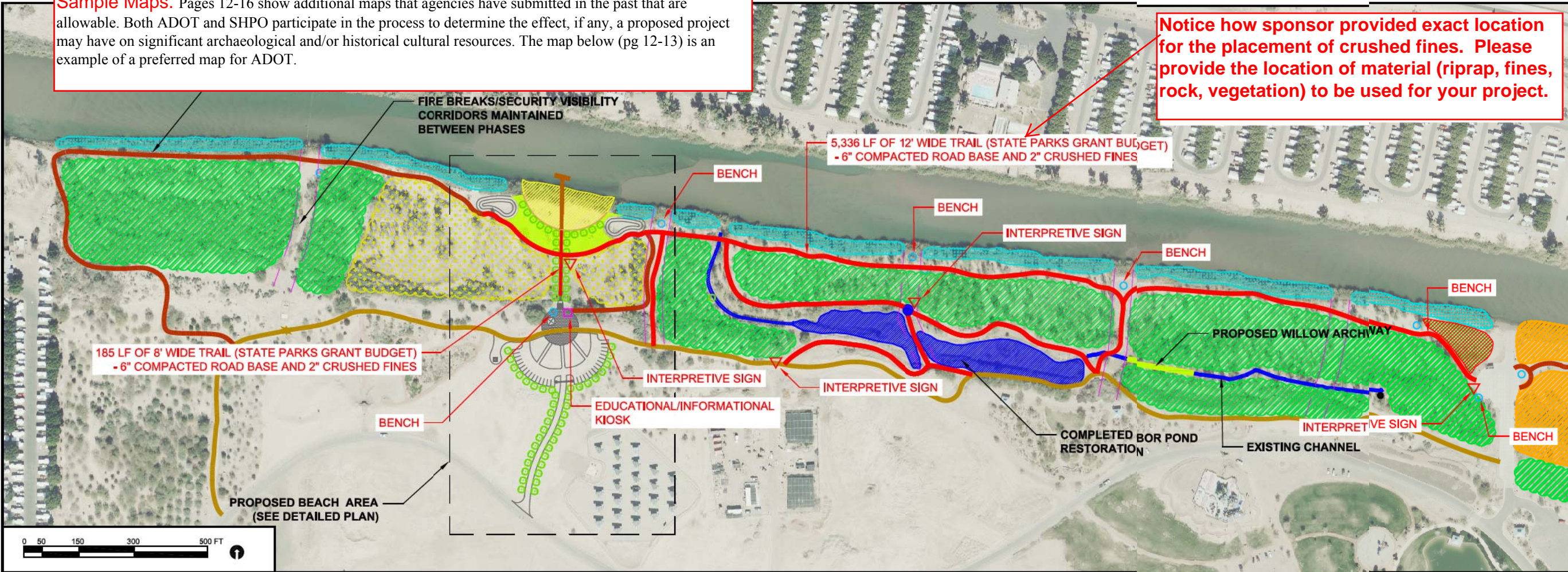
APPENDIX A – MAPS AND PICTURES: Coconino OHV Coordination Project – Coconino National Forest ASP OHV Grant Application 2015 ---- Scope Items: Route Maintenance; Camp area delineation; cross country damage mitigation; kiosk installation; toilet installation

Glacier Way Trail and Antiquity Road both run parallel, within 1 mile, of the Sinagua Settlement. Please refer to the State of Arizona Historic Property Inventory Form for a description of the site.



Sample Maps. Pages 12-16 show additional maps that agencies have submitted in the past that are allowable. Both ADOT and SHPO participate in the process to determine the effect, if any, a proposed project may have on significant archaeological and/or historical cultural resources. The map below (pg 12-13) is an example of a preferred map for ADOT.

Notice how sponsor provided exact location for the placement of crushed fines. Please provide the location of material (riprap, fines, rock, vegetation) to be used for your project.



GENERAL NOTES

MAP FEATURES

- OPEN WATER (55,894 SF)
- PROPOSED 12' TRAIL:
 - Phase 1 (5,336 LF)
 - Phase 2 (2,036 LF)
 - Phase 3 (NA)
 - Phase 4 (5,529 LF)
- EXISTING 12' TRAIL (7,032 LF)
- PROPOSED WILLOW ARCHWAY:
 - Phase 2 (154 LF)
- FIRE BREAK BOUNDARY
- MAINTAINED EXISTING VEGETATION:
 - Phase 1 (4 AC)
 - Phase 2 (10 AC)
 - Phase 3 (NA)
 - Phase 4 (13 AC)
- AUGMENTED EXISTING VEGETATION:
 - Phase 1 (3 AC)
 - Phase 2 (NA)
 - Phase 3 (NA)
 - Phase 4 (3 AC)
- SAVANNAH VEGETATION:
 - Phase 1 (NA)
 - Phase 2 (4 AC)
 - Phase 3 (NA)
 - Phase 4 (NA)
- RESTORED BANKLINE VEGETATION:
 - Phase 1 (2,000 LF) FUNDED
 - Phase 2 (1,300 LF)
 - Phase 3 (NA)
 - Phase 4 (2,964 LF)
- EXISTING BEACH (140,417 SF)
- PROPOSED BEACH:
 - Phase 1 (21,690 SF)
- GRASS AREA:
 - Phase 1 (12,696 SF)
- PROPOSED BENCH:
 - Phase 1 (10 EA)
 - Phase 2 (0 EA)
 - Phase 3 (2 EA)
 - Phase 4 (5 EA)
- PROPOSED KIOSK:
 - Phase 1 (1 EA)
 - Phase 2 (NA)
 - Phase 3 (NA)
 - Phase 4 (NA)
- PROPOSED INTERPRETIVE SIGN:
 - Phase 1 (5 EA)
 - Phase 2 (NA)
 - Phase 3 (NA)
 - Phase 4 (1 EA)
- MESQUITE TREE:
 - Phase 1 (25 EA)
 - Phase 2 (NA)
 - Phase 3 (40)
 - Phase 4 (NA)
- PROPOSED EDUCATIONAL GROVE:
 - Phase 1 (1EA)

1	Revised Layout	1/16
No.	Revision/Issue	Date

FIRM NAMES AND ADDRESSES

Fred Phillips Consulting
401 South Leroux St.
Flagstaff, AZ 86001
phone: 928.773.1530
fax: 928.774.4166
www.fredphillipsconsulting.com



PROJECT NAME AND ADDRESS

City of Yuma
One City Plaza
PO Box 85366-3014
Yuma, AZ 85366
www.yumaz.gov



Yuma Crossing National
Heritage Area
180 W 1st St
Yuma, AZ 85364
www.yumaheritage.com

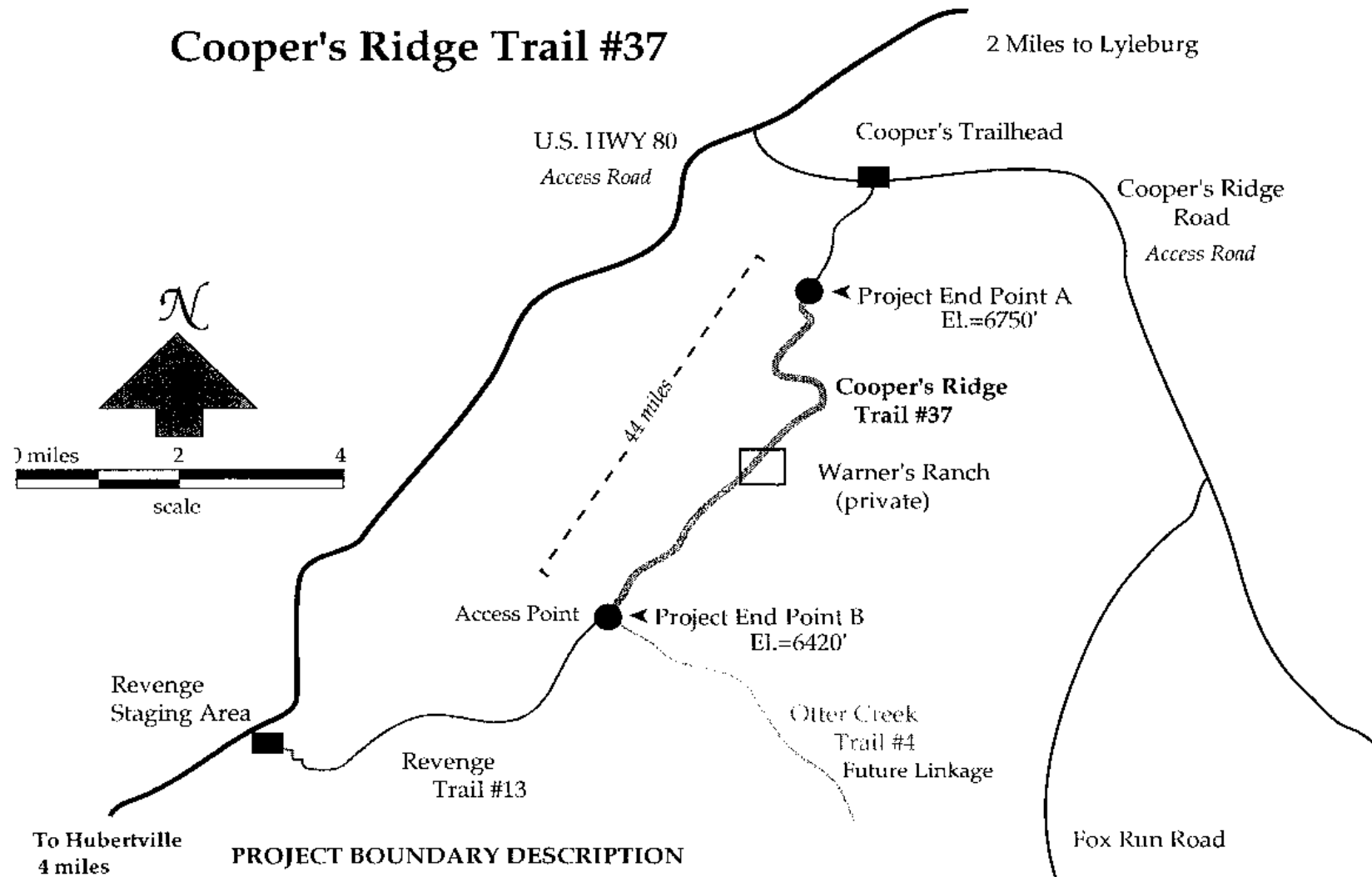


DRAWING

SITE OVERVIEW

DATE	SHEET #
01/16/2015	L1
SCALE @ 11"x17"	SCALE @ 22"x34"
1:300	1:150

Cooper's Ridge Trail #37



PROJECT BOUNDARY DESCRIPTION

Proposed trail project is between Project End Point A in Section 7, Township 6 North, Range 2 West, passing through Sections 18 and 19, and Project End Point B in Section 24, Township 6 North, Range 3 West. Proposed project area is leased for grazing. Ten (10) years remain on the lease.

Sample Map

Identifies nearest town, land ownership, elevation, north arrow, length of trails, other trail or road access to project trail

Lost Dutchman State Park

6109 N. Apache Trail
Apache Junction, AZ 85119

Park Phone: (480) 982-4485
Reservations: (520) 586-2283

or call (520) 586-2283, 7 days a week,
from 8 am to 5 pm MST.

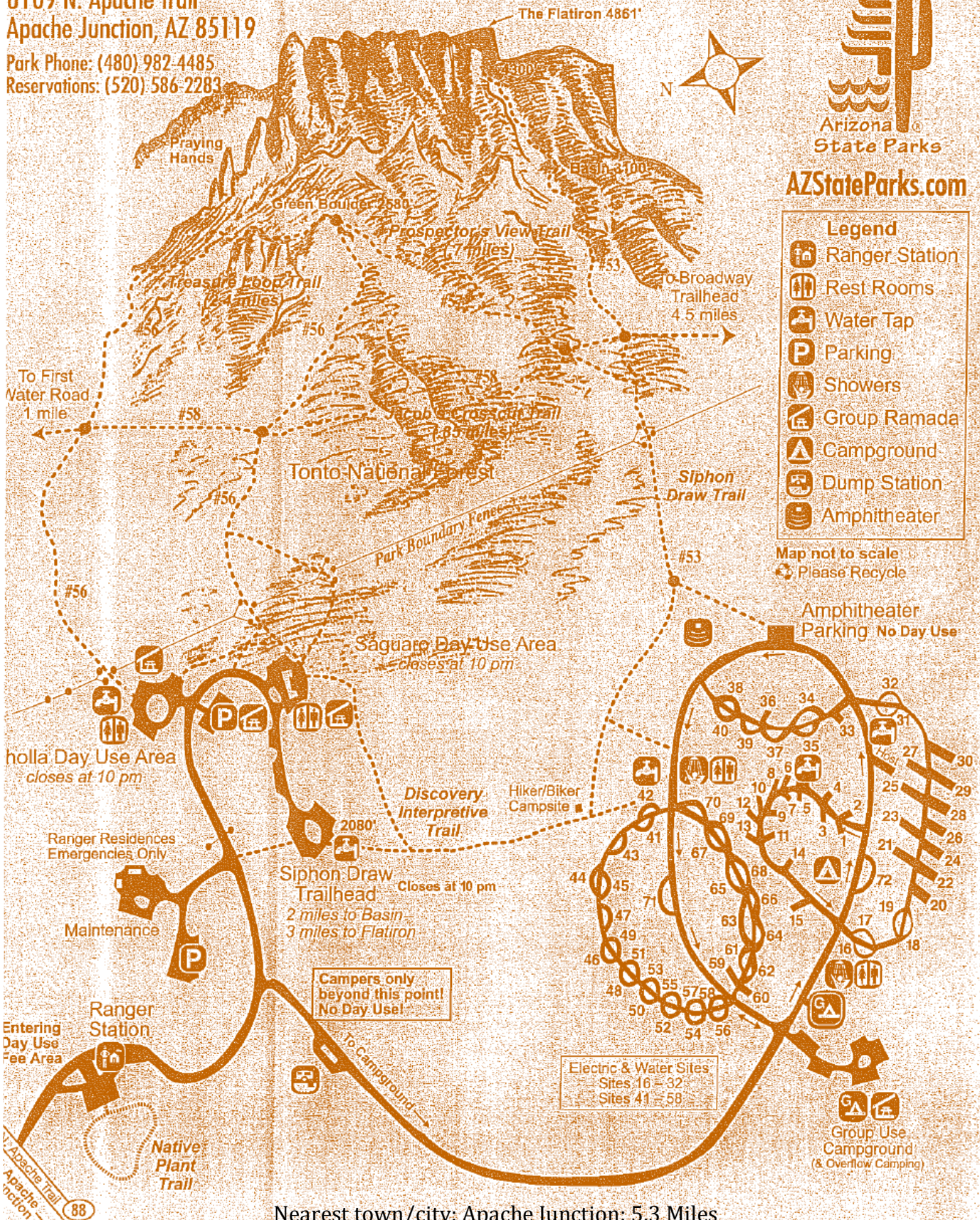


AZStateParks.com

Legend

- Ranger Station
- Rest Rooms
- Water Tap
- Parking
- Showers
- Group Ramada
- Campground
- Dump Station
- Amphitheater

Map not to scale
Please Recycle



Nearest town/city: Apache Junction: 5.3 Miles

Land Ownership and Land Use

<u>Location</u>	<u>Owner</u>	<u>Land Use</u>
Tonto NF, Mesa R.D.	U.S.D.A.	MULTIPLE USES INCLUDING RECREATION

Right-of-Way/Easements

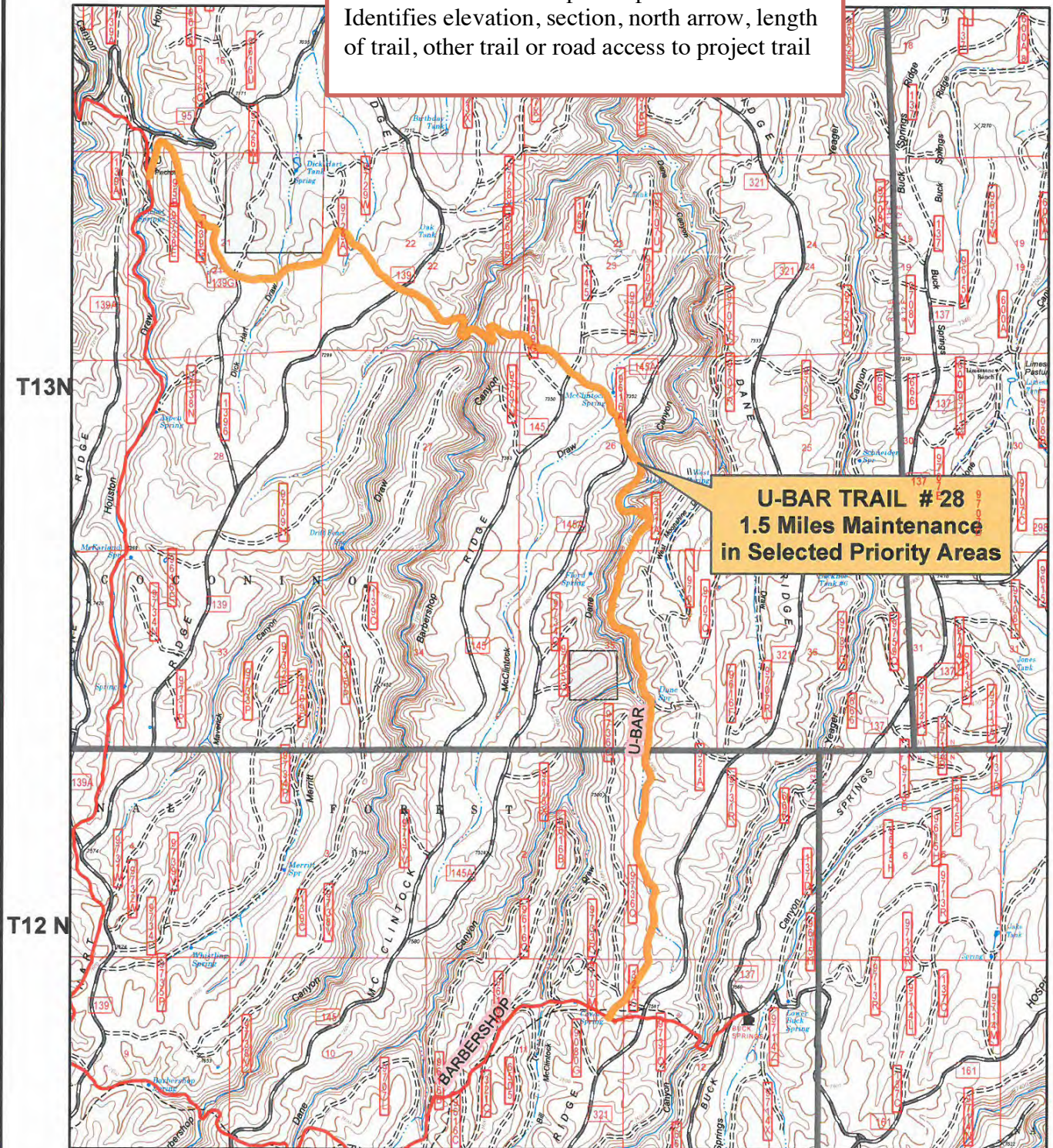
- ☒ No new right(s)-of-way or easement(s) is required for construction of this project.
- ☐ New right(s)-of-way or easement(s) is required for construction of this project.
- ☐ _____ [acreage] of new right-of-way from _____ (ownership/jurisdiction)
- ☐ _____ [acreage] of temporary _____ (construction, utility, maintenance, etc.)
easement

U-BAR TRAIL LOCATION MAP

RTP TRAIL MAINTENANCE PROJECTS 2014

Sample Map

Identifies elevation, section, north arrow, length of trail, other trail or road access to project trail



U-BAR TRAIL #28
1.5 Miles Maintenance
in Selected Priority Areas

Dane Canyon 7.5' Quad

R11E

R12E

0 0.25 0.5 1
Miles



RTP Trail Maintenance 2012-2014 Cycle

TRAIL NAME

— U-BAR

Project # 1		Applicants will work closely with Mickey Rogers, ASP, to break down costs for your project and to develop a scope sheet.				
Scope Item 1C Mitigate and Restore Damage						
Cash/Match	Grant	Total		Grant %	Match %	
\$ 136,106.00	\$ 299,574.00	\$ 435,680.00		68.76%	31.24%	
breakdown	#	Unit Cost	Total	Match/In-kind	Grant Request	
Trail crew 13 weeks (4-person)	13	3076.923	\$ 40,000.00		\$ 40,000.00	
heavy equipment moving boulders	10	\$ 1,000.00	\$ 10,000.00		\$ 10,000.00	
fencing materials	3	\$ 1,200.00	\$ 3,600.00		\$ 3,600.00	
Forest Service salary to coordinate/supervise	20	\$ 357.00	\$ 7,140.00		\$ 7,140.00	
boulders	15	\$ 700.00	\$ 10,500.00	\$ 10,500.00	\$ -	
gates - vehicle	9	\$ 2,500.00	\$ 22,500.00	22500	\$ -	
information signs	10	\$ 100.00	\$ 1,000.00		\$ 1,000.00	
gates - pedestrian	3	\$ 150.00	\$ 450.00	450	\$ -	
		Total	\$ 95,190.00	\$ 33,450.00	\$ 61,740.00	
SCOPE ITEM 1D Establish and Designate Routes						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Inventory routes: 5 work group meetings, 6 volunteers, 2 hours	5 meetings X 6 volunteers = 30 x 2 hours =60	\$ 18.00	\$ 1,080.00	\$ 1,080.00	\$ -	
Work group recon of routes: 6 routes minimum, 2 trips, 4 hours, 6 volunteers	288	\$ 18.00	\$ 5,184.00	\$ 5,184.00	\$ -	
Forest Service labor to coordinate/supervise	20	\$ 357.00	\$ 7,140.00		\$ 7,140.00	
County staff time to facilitate work group	5	\$ 350.00	\$ 1,750.00	\$ 1,750.00	\$ -	
Archaeological survey technician	20	\$ 200.00	\$ 4,000.00		\$ 4,000.00	
archaeological clearance	10	\$ 350.00	\$ 3,500.00		\$ 3,500.00	
			\$ -		\$ -	
		TOTAL	\$ 22,654.00	\$ 8,014.00	\$ 14,640.00	
SCOPE ITEM 2A Increase Field Presence/Enforcement						
breakdown	#days	Unit Cost	Total	match/in-kind	Grant Request	
Forest Service protection officer (project coordinator)	185	\$ 357.00	\$ 66,045.00		\$ 66,045.00	
County Law Enforcement Officer Participation	24	\$ 280.00	\$ 6,720.00	\$ 6,720.00	\$ -	
FS Law Enforcement Officer	48	\$374	\$ 17,952.00	\$ 17,952.00	\$ -	
		Total:	\$ 90,717.00	\$ 24,672.00	\$ 66,045.00	
SCOPE ITEM 2B Trail/Routes Signs						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Volunteers install route markers 60 hours at 18/hour	60	18	\$ 1,080.00	\$ 1,080.00	\$ -	
Route Markers	150	\$ 20.00	\$ 3,000.00		\$ 3,000.00	
kiosks signage	2	900	\$ 1,800.00		\$ 1,800.00	
Forest Service coordinator involvement with trainings (20 days)	20	357	\$ 7,140.00		\$ 7,140.00	
Route stickers	150	4	\$ 600.00		\$ 600.00	
		TOTAL	\$ 13,620.00	\$ 1,080.00	\$ 12,540.00	

This column represents the amount your agency is requesting from the grant.

For motorized projects funded with **Federal funds** match is required. For motorized projects funded using **state funds** match is not required. Parks will determine the source of funding for each project.

For those projects that do need to include match this column represents the value of your agency's donation for an item.

Match Examples:

1. Expenditures for eligible work.
2. Materials used within the project area paid by the project sponsor.
3. Donated materials or labor

For example, volunteers helping with the maintenance of a trail (must be part of project).

SCOPE ITEM 2C Map and Trail Information						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
County staff time to facilitate work group and coordinate web information with others (80 hours)	10	350	\$ 3,500.00	\$ 3,500.00	\$ -	
Forest Service coordinator involvement (20 days)	20	\$ 357.00	\$ 7,140.00	\$ -	\$ 7,140.00	
Bilingual translation (Forest Service staff 40 hours)	40	31.25	\$ 1,250.00	\$ 1,250.00	\$ -	
Graphic designer - contract	1	8000	\$ 8,000.00	\$ -	\$ 8,000.00	
Volunteers--generate map	80	18	\$ 1,440.00	\$ 1,440.00	\$ -	
		TOTAL	\$ 21,330.00	\$ 6,190.00	\$ 15,140.00	
SCOPE ITEM 2D Provide Educational Programs						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Businesses participation in training (6 trainings, 5 hours each, 10 people each)	300	18	\$ 5,400.00	\$ 5,400.00	\$ -	
Forest Service coordinator involvement with trainings (30 days)	\$ 30.00	\$ 357.00	\$ 10,710.00		\$ 10,710.00	
Forest Service visitor contacts (120 days)	120	357	\$ 42,840.00		\$ 42,840.00	
			\$ -		\$ -	
		TOTAL	\$ 58,950.00	\$ 5,400.00	\$ 53,550.00	

SCOPE ITEM 3A Develop Support Facilities						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Fay Parking Lot Vault Toilet installed	1	30000	\$ 30,000.00	\$ 30,000.00	\$ -	
Forest Service engineering	20	\$ 300.00	\$ 6,000.00	\$ 6,000.00	\$ -	
Forest Service project coordination (7 days)	7	357	\$ 2,499.00		\$ 2,499.00	
kiosks installed	2	3000	\$ 6,000.00		\$ 6,000.00	
campsites delineated, labor/equipment	6	1000	\$ 6,000.00		\$ 6,000.00	
boulders (per site)	6	700	\$ 4,200.00	\$ 4,200.00	\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
		TOTAL	\$ 54,699.00	\$ 40,200.00	\$ 14,499.00	
SCOPE ITEM 3B Coordinated volunteerism						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
OHV Ambassador Volunteer Events (minimum 9; 2 volunteers for 7 hours)	126	18	\$ 2,268.00	\$ 2,268.00	\$ -	
Forest Service coordination (40 days)	\$ 40.00	\$ 357.00	\$ 14,280.00		\$ 14,280.00	
Monthly stakeholder coordination meetings (10 volunteers for 2 hours 20 meetings)	400	18	\$ 7,200.00	\$ 7,200.00	\$ -	
City Task Force Participation: 6 volunteers, 2 meetings, 2 hours	24	18	\$ 432.00	\$ 432.00	\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
		TOTAL	\$ 24,180.00	\$ 9,900.00	\$ 14,280.00	
SCOPE ITEM 3C Comprehensive Planning and Interagency Coordination						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Forest Service Coordination with agencies/stakeholders (20 days)	20	357	\$ 7,140.00		\$ 7,140.00	
Volunteer participation (10 people at 20 meetings, 2 hours)	400	\$ 18.00	\$ 7,200.00	\$ 7,200.00	\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
		TOTAL	\$ 14,340.00	\$ 7,200.00	\$ 7,140.00	
SCOPE ITEM 1B - Maintenance/Renovate Route						
breakdown	#	Unit Cost	Total	match/in-kind	Grant Request	
Surface treatment to improve drainage: 25 sites	25	1600	\$ 40,000.00		\$ 40,000.00	
			\$ -		\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
			\$ -		\$ -	
		TOTAL	\$ 40,000.00	\$ -	\$ 40,000.00	

REQUIRED FORMS CHECKLIST

To be eligible for funding consideration, each application must include all applicable items below and any supporting documents that are pertinent to the project. A detailed explanation of each item is provided in the manual. If you have any questions regarding any of the forms below please contact ASP.

All documents requiring the project sponsor's signature must be signed by the agent authorized in the resolution to execute and submit documents on behalf of the applying entity. The authorized agent must submit a written list of any other persons who will be signing and submitting documents during the period of the project.

- ☒ **A. FY 2016 RECREATIONAL TRAILS PROGRAM AND OFF-HIGHWAY VEHICLE PROGRAM CERTIFIED GRANT APPLICATION FORM (PGS 1-2)**
- ☒ **B. GRANT CRITERIA RESPONSE FORMS (Projects Approved By ASP Under Trail Maintenance Category Not Applicable)**
- ☒ **C. CONTROL & TENURE DOCUMENTS**
- ☒ **D. AMERICANS WITH DISABILITIES ACT (ADA) CERTIFICATION**
- ☒ **E. CULTURAL CLEARANCE REVIEW FORM**
- ☒ **F. SHPO HISTORIC PROPERTY INVENTORY FORM**
- ☒ **G. NEPA FORM**
- ☒ **H. A COPY OF ANY COMMENTS REGARDING ELIGIBILITY, FINDINGS OF EFFECT, AND ANY CONDITIONS ASSOCIATED WITH FINDINGS MADE BY- The Land Managing Agency/Landowner And Archaeologist (I.E. State, Federal, County, Municipal) On Potential Impacts Of The Project On Archaeological And/Or Historical Cultural Resources..**
- ☒ **I. PROJECT SPONSOR RESOLUTION/AUTHORITY TO APPLY (VERSIONS FOR ALL PROJECT SPONSORS)**
- ☒ **J. GRANT SCOPE SHEET**
- ☒ **K. AT LEAST FOUR 4" X 6" COLOR PHOTOGRAPHS**
- ☒ **L. MAPS & PLANS**
- ☒ **M. 10 CDS. PLEASE ATTACH ALL REQUIRED DOCUMENTS & FORMS WITH THE GRANT APPLICATION. For cultural/environmental surveys of 20 pages or more please do not attach directly to the application; place on each CD separately from the application.**